A Selected Bibliography of Publications

on

PRESERVATIVE TREATMENT OF FENCE POSTS

Prepared

by

Coordinated Wood Preservation Council

Cooperating Agencies

Auburn University
Clemson College
University of Florida
University System of Georgia
Louisiana State University
Mississippi State University
North Carolina State College
University of Tennessee
Virginia Polytechnic Institute
Forest Utilization Research, Southeastern Forest Experiment Station
Forest Utilization Research, Southern Forest Experiment Station
Division of Forestry Relations, Tennessee Valley Authority

Printed by

Southeastern Forest Experiment Station
Forest Service, U. S. Department of Agriculture

FOREWORD

In 1947 when the Coordinated Wood Preservation Council was organized, there was little published information on simple, do-it-yourself treating processes. Since then the number of publications describing these simple processes has grown tremendously. In fact, the original list for this bibliography included over 225 titles, none of which was highly technical in nature.

In 1957 the Coordinated Wood Preservation Council undertook a survey to determine whether additional publications were needed. Results indicate that we have plenty of publications but their availability is generally unknown. It was suggested that a list of available nontechnical publications be prepared and distributed to teachers, agricultural extension workers and others interested in treating their own timbers. A committee was appointed to determine what publications were available and to screen these for the 50 which seemed most usable. This bibliography is the result of that effort.

In most cases, single copies of the listed publications are available free of charge. Exceptions are noted. Many of them are available in quantity. However, the user should always check with the source of supply for the latest information on availability and cost.

The publication of this bibliography should not be construed as Council endorsement of home-treating processes in lieu of commercial treatment. Available service records indicate that adequate impregnation with recognized preservatives is necessary for profitable service life of wood in contact with the ground. At many locations in the territory served by the Council, commercial treating plants will be found to be the most economical source of posts for home and farm use. Savings in treating costs, and longer average service life are possible through modern commercial treating practices. The individual will be well advised to make careful comparison in total costs and service life before deciding to do his own treating.

Publications Committee:

J. B. Huffman, Chairman
University of Florida

W. C. Hopkins
Louisiana State University

R. L. Schnell
Tennessee Valley Authority

Copies of this bibliography can be obtained from any of the cooperating agencies listed.

A Selected Bibliography on

Preservative Treatment of Fence Posts

Arkansas Agricultural Experiment Station, University of Arkansas, Fayetteville, Arkansas

TESTS OF FENCE POST PRESERVATIVES. Xzin McNeal. Bulletin 519, March 1952, 24 pages. Available in small quantities (up to 5 copies) at 20 cents each.

Auburn University, Extension Service, Auburn, Alabama

TREATING POSTS AND TIMBERS. J. T. Gaillard. Circular 519, May 1957, 12 pages.

Clemson College, Extension Service, Clemson, South Carolina

LONGER LIFE FOR FENCE POSTS. W. J. Barker, G. H. Stewart, W. C. Nettles, and G. H. Dunkelberg. Extension Circular 262, revised November 1952, 16 pages. Not available in quantity.

COLDSOAK METHOD OF TREATING FENCE POSTS WITH OIL SOLUBLE PRESERVATIVES. Mimeographed, 6 pages. Permission to duplicate.

Connecticut Agricultural Experiment Station, New Haven, Connecticut

PRESERVING WOOD FOR FARM USE. H. W. Hicock, A. R. Olson, and F. M. Callward. Extension Service Bulletin 415, November 1949, 20 pages.

PRESERVATION OF WOOD BY SIMPLE METHODS. H. W. Hicock and A. R. Olson. Experiment Station Bulletin 581, May 1954, 66 pages.

Georgia Forestry Commission, Forest Utilization Service, P. O. Box 1183, Macon, Georgia

DOUBLE DIFFUSION METHOD OF TREATING FENCE POSTS. Rufus H. Page. Release No. 6, November 1956, 2 pages. Available in quantity at no cost.

University of Georgia, Department of Agricultural Engineering, Athens, Georgia

THE BOILING IN WATER METHOD FOR TREATING FENCE POSTS. H. D. White and R. D. Dixon. Bulletin Serial No. 958, February 1949, 7 pages.

PLANNING FARM FENCES. G. E. Henderson. April 1954, 39 pages. Single copy 50 cents.

Georgia Agricultural Experiment Station, Experiment, Georgia

PRESERVATION OF FENCE POSTS BY THE COLD-SOAK METHOD. J. R. Hamilton and R. D. Dixon. October 1951, 17 pages.

University of Illinois, Agricultural Experiment Station, Urbana, Illinois

TREATING FENCE POSTS ON THE FARM WITH CREOSOTE. C. S. Walters. Mimeographed F-114, 1947, 4 pages.

PRESERVE YOUR POSTS WITH PENTA. C. S. Walters. Circular 636, February 1949, 15 pages.

Lake States Forest Experiment Station, St. Paul 1, Minnesota

TREATING TANK FOR WOOD PRESERVATIVES. Midwest Plan No. 80001, 1958, 1 sheet. Available in quantity at approximately 15 cents per copy.

SMALL TREATING TANK FOR ON-THE-FARM APPLICATIONS OF WOOD PRESERVATIVES. J. R. Neetzel, R. L. Hossfeld, and C. K. Otis. Technical Note 454, April 1956, 2 pages. Available in quantity at no cost.

A SMALL VACUUM TREATING PLANT. F. H. Kaufert, J. R. Neetzel, R. L. Hossfeld, and L. W. Rees. Forestry Note 12, December 1952, 2 pages. Available in quantity at no cost.

Michigan State University, Department of Forest Products, B-4 South Campus, East Lansing, Michigan

PRESERVATIVE TREATMENT OF FENCE POSTS AND LUMBER. H. J. Ralphael. Farm Building Series Circular 724, 1956. Available in quantity at 2 cents per copy.

University of Minnesota, Agricultural Extension Service, St. Paul 1, Minnesota

BUILDING BETTER FARM FENCES. J. R. Neetzel. Extension Bulletin 272, March 1953, 12 pages. Write for information on availability of single copy and/or quantity.

Mississippi State University, School of Forestry, State College, Mississippi

FENCE POSTS: PRODUCTION AND TREATING COSTS. W. C. Hopkins. Bulletin 439, November 1946, 27 pages. Not available in quantity.

PENTACHLOROPHENOL COLD SOAKING TREATMENT OF FENCE POSTS. W. C. Hopkins and Monty Payne. June 1947. Not available in quantity.

FENCES FOR BOTTOMLAND FARMS IN THE DELTA. L. C. Maisenhelder and J. S. McKnight. Bulletin 483, May 1951, 17 pages. Available in quantity at nominal charge.

FENCE POST PRESERVATION WITH COPPER NAPHTHENATE BY THE COLD-SOAKING METHOD. W. S. Thompson. Circular 191, December 1953, 8 pages. Not available in quantity.

END DIFFUSION METHOD OF TREATING FENCE POSTS. W. S. Thompson. Circular 193, February 1954, 8 pages. Available in quantity at nominal charge.

SERVICE LIFE OF EXPERIMENTAL FENCE POSTS. K. C. Birdsall. Information sheet No. 546, November 1956, 2 pages. Available in quantity at nominal charge.

CHEMICAL DEBARKING OF SOUTHERN TREES. W. S. Thompson and K. C. Birdsall. Technical Bulletin 42, January 1957, 28 pages. Available in quantity at nominal charge

University of Missouri, School of Forestry, Columbia, Missouri

TESTS ON TREATED FENCE POSTS. W. J. O'Neil. Agricultural Experiment Station Bulletin 612, January 1954, 7 pages. Available in quantity at approximately 10 cents each.

New York State College of Agriculture, Cooperative Extension Service, Ithaca, New York

LONGER LIFE FOR WOOD IN YOUR FENCELINES AND VINEYARDS. L. S. Hamilton and G. R. Cunningham. Cornell Extension Bulletin 987, September 1957, 24 pages. Available in quantity at 10 cents per copy.

North Carolina Department of Conservation and Development, Raleigh, North Carolina

TREATING FENCE POSTS BY COLD-SOAKING WITH "PENTA." D. L. Brenneman. July 1952, 7 pages. Not available in quantity.

North Carolina State University, School of Forestry, Raleigh, North Carolina

SELECTION OF FENCE POSTS FOR HOME USE OR TREATMENT. J. Ford. 1955. Available in quantity at no cost.

Agricultural Information Services, Oklahoma State University, Stillwater, Oklahoma

HOME TREATMENT OF POSTS USING PENTA. C. L. Clymer. Extension Leaflet L-34, 1958, 6 pages. Available in small quantities (50-100 copies) at 4 cents per copy.

Tennessee Agricultural Experiment Station, Knoxville, Tennessee

CHEMICAL DEBARKING AND TREATING HARDWOOD FENCE POSTS. J. S. Kring. March 1959, 2 pages. Available in quantity up to 50 copies at no charge.

Texas Forest Service, P. O. Box 460, Lufkin, Texas

COLD-SOAKING LOBLOLLY AND SHORTLEAF PINE FENCE POSTS WITH PENTACHLOROPHENOL. E. D. Marshall. Technical Report No. 6, December 1952, 35 pages. Single copy 30 cents. Available in quantity at single copy cost.

COLD SOAKING SOUTHERN YELLOW PINE FENCE POSTS WITH PENTACHLOROPHENOL FUEL OIL SOLUTIONS. W. W. King. Circular 34, December 1953, 12 pages. Single copy 5 cents. Available in quantity at single copy cost.

Utah State College, College of Forest, Range and Wildlife Management, Logan, Utah

TREATING FENCE POSTS FOR LONG LIFE. R. R. Moore. 1950, 4 pages. Available in quantity at no cost.

Virginia Polytechnic Institute, College of Engineering, Blacksburg, Virginia

NAILS AND SPIKES IN CREOSOTE PRESSURE TREATED SOUTHERN PINE POSTS AND TIMBERS. E. G. Stern. Bulletin No. 26, October 1956, 20 pages. Not available in quantity.

Forest Products Laboratory, Madison 5, Wisconsin

SERVICE TESTS ON POSTS AS A MEANS OF EVALUATING WOOD PRESERVATIVES AND METHODS OF TREATMENT. J. O. Blew. Report No. 1726, June 1955, 17 pages. Quantities by special arrangements.

PRESERVATIVE TREATMENT OF JACK PINE AND LONGLEAF PINE POSTS BY THE HOT-AND-COLD BATH AND ITS BOILING-IN-WATER ADAPTATION. E. Panek. Report No. 2085, 1957. Quantities by special arrangements.

PERMEABILITY OF SOUTHERN PINE AS AFFECTED BY MOLD AND OTHER FUNGUS INFECTION. R. M. Lindgren. A. W. P. A. Proceedings, 1952, 11 pages. Quantities by special arrangements.

METHODS OF APPLYING WOOD PRESERVATIVES. Report No. D154, 1953, 23 pages. Quantities by special arrangements.

TREATING WOOD IN PENTACHLOROPHENOL SOLUTIONS BY THE COLD-SOAKING METHOD. J. O. Blew. Report No. 1445, 1956, 19 pages. Quantities by special arrangements.

HOW TO TREAT FENCE POSTS BY DOUBLE DIFFUSION. R. H. Baechler. Report No. 1955, 1958, 8 pages. Quantities by special arrangements.

SERVICE RECORDS ON TREATED AND UNTREATED FENCE POSTS. J. O. Blew and J. W. Kulp. Report No. 2005, 1959, 41 pages. Quantities by special arrangements.

PRESERVATIVE TREATMENT OF FENCE POSTS AND FARM TIMBERS. J. O. Blew and F. J. Champion. USDA Farmers' Bulletin No. 2049, April 1956, 33 pages. Available in quantity from U. S. Government Printing Office, Washington, D. C., at 15 cents per copy.

Tennessee Valley Authority, Division of Forestry Relations, Norris, Tennessee

A TIGHT CHAIN POST PEELER. W. N. Darwin. January 1950, 6 pages. Quantities available at reproduction costs.

Tennessee Valley Authority (continued)

A PORTABLE DRUM POST PEELER. E. M. Conway and R. L. Schnell. February 1951, 10 pages. Quantities available at reproduction costs.

FENCE POST TREATING. E. M. Conway and R. L. Schnell. August 1952, 22 pages. Quantities available at reproduction costs.

DESIGN AND OPERATION OF OPEN TANK TIMBER TREATING PLANTS. E. M. Conway and R. L. Schnell. March 1953, 26 pages. Quantities available at reproduction costs.

Industrial Publications

WHAT THEY WILL ASK ABOUT PENTA. Wood Treating Chemicals Co., 5137 Southwest Avenue, St. Louis 10, Missouri. March 1959, 7 pages. Available in quantity by special arrangement.

TREATING OF FENCE POSTS. Protection Products Manufacturing Company, 2305 Superior Avenue, Kalamazoo, Michigan. Industrial Bulletin 124, 3 pages. Available in quantity by special arrangement.

BEFORE YOU BUILD YOUR BARN. Dow Chemical Company, Midland, Michigan. 15 pages. Available in quantity by special arrangement.

POST PRESERVATION PAYS. Dow Chemical Company, Midland, Michigan. 10 pages. Available in quantity by special arrangement.